

CLAIMS OF THE INVENTION

WHAT IS CLAIMED IS:

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1. A prime mover comprising a cylindrical framework wound with at least two copper filaments, a steel piston disposed axially concentric with said framework, a power source for energizing one of said copper filaments with electric current which induces said steel piston to move axially toward a central position of said energized windings, and at least one switch for controlling the energy flow in each of said copper filaments.
 2. A prime mover as set forth in Claim 1 further comprising a magnetic source for accelerating a reciprocation motion of said steel piston.
 3. A prime mover as set forth in Claim 1 wherein said piston is spherical in shape.
 4. A prime mover as set forth in Claim 1 wherein said piston is shaped in the cross section of said framework.
 5. A prime mover as set forth in Claim 1 wherein said prime mover further comprises a cylinder of non-magnetic material.
 6. A prime mover as set forth in Claim 5 wherein said non-magnetic material is brass.
 7. A prime mover as set forth in Claim 1 wherein said frame is a high temperature resistant polymer.
 8. A prime mover as set forth in Claim 1 wherein said switch comprises metal detection means for actuation.
 9. A prime mover as set forth in Claim 1 wherein said switch comprises means for reacting to a position of said piston to cause actuation of said switch.
 10. A prime mover as set forth in Claim 1 wherein said switch comprises timing means to time the actuation of said switch.
 11. A prime mover as set forth in Claim 1 wherein said piston is attached to a connecting rod and a crank shaft to provide rotational motion.

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- 12. A prime mover as set forth in Claim 1 wherein said piston is disposed in a cylinder with a fluid inlet to operate as a pump.
- 13. A prime mover as set forth in Claim 1 wherein said piston reciprocates based upon the alternate energization of said coils, and exits said cylinder when an exit coil is not energized in one cycle.

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